

Fig. 1

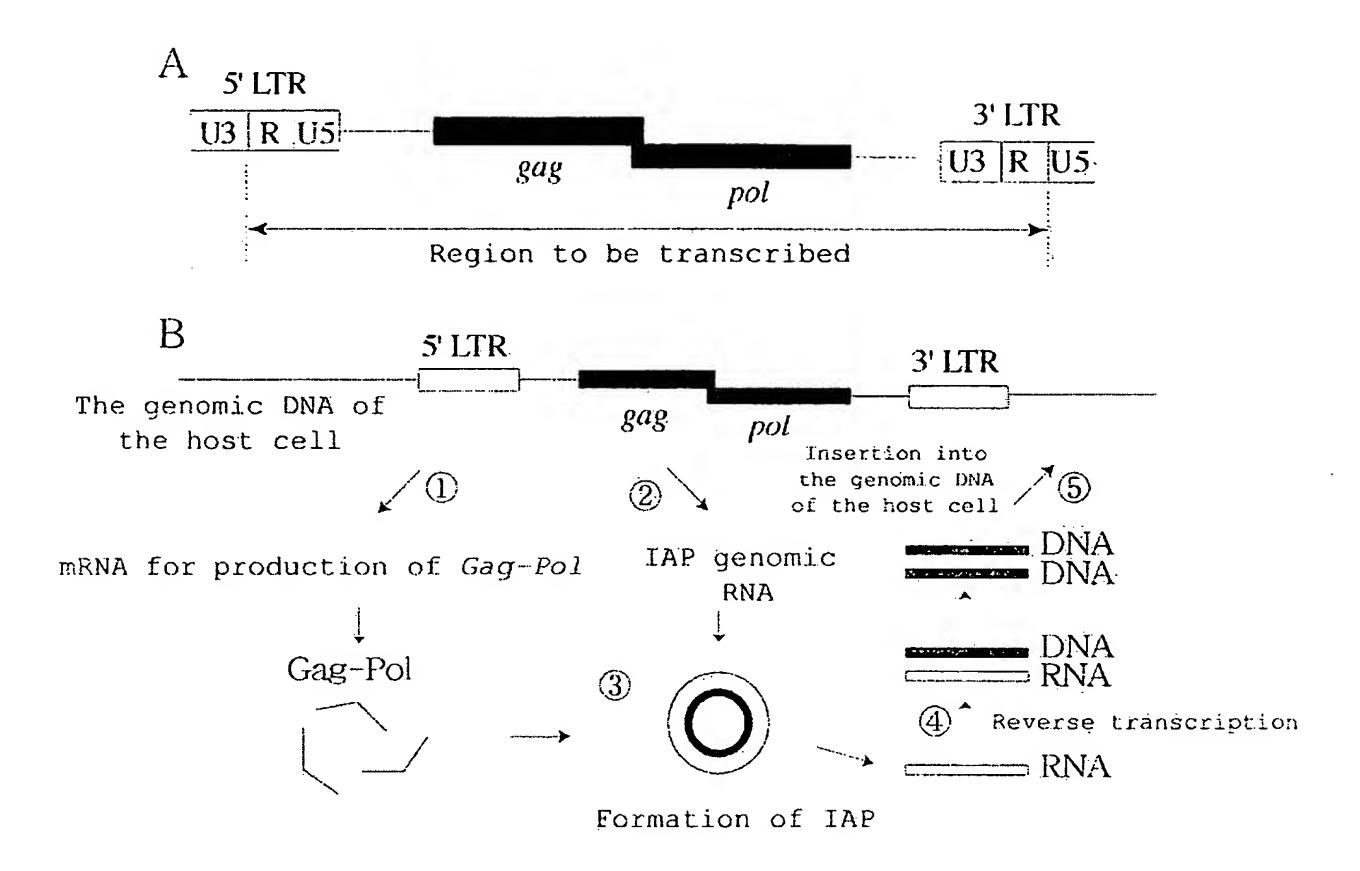


Fig. 2

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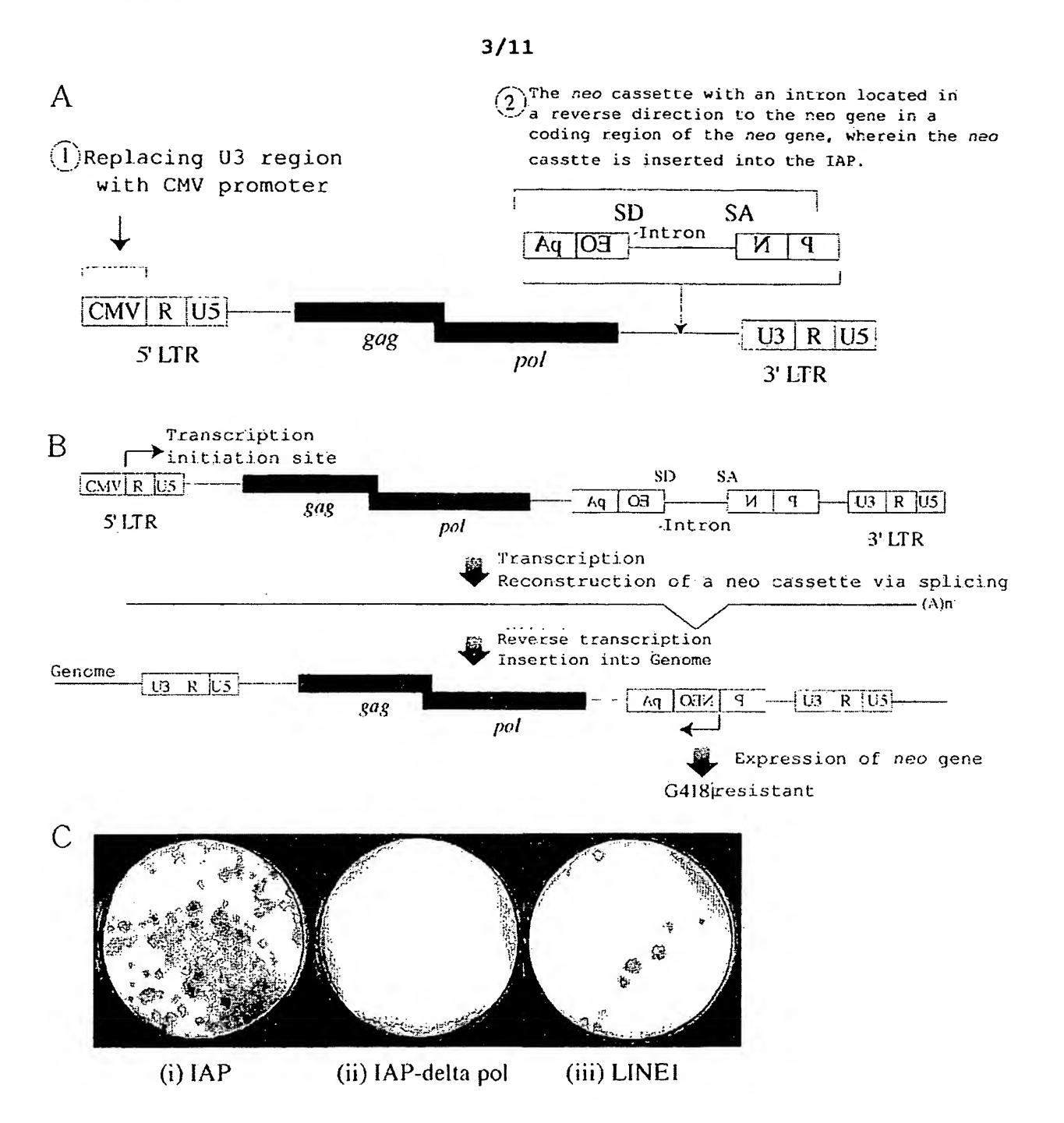
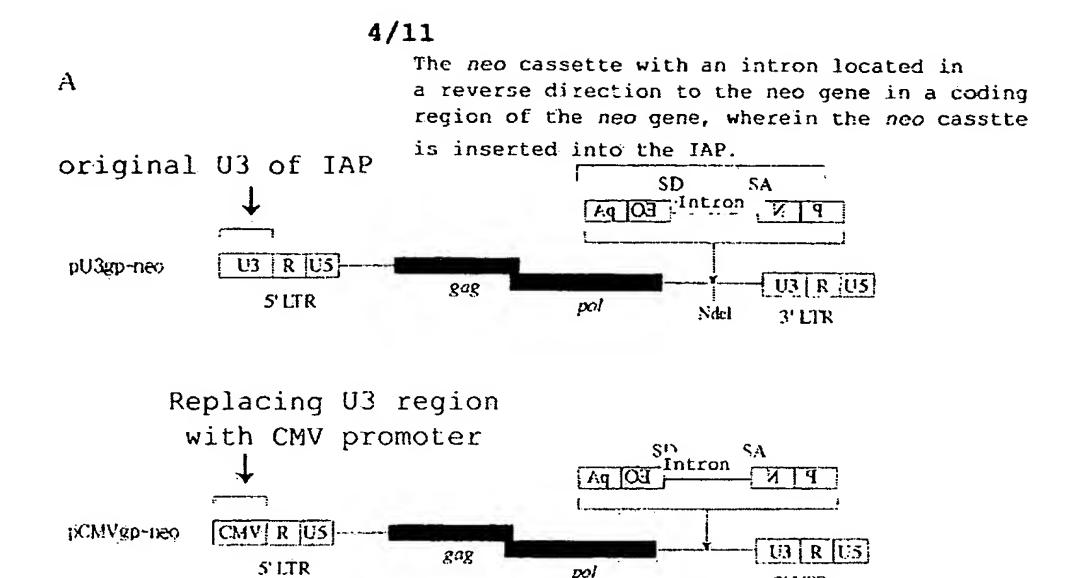


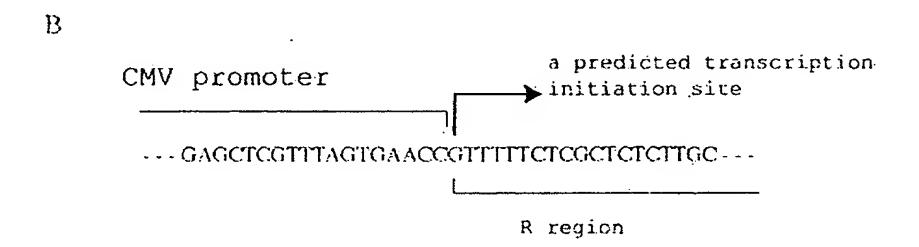
Fig. 3

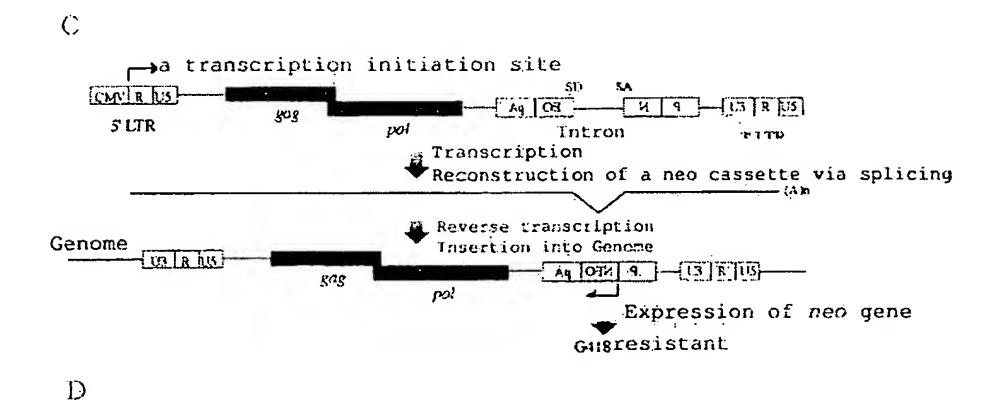
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pol

3' LTR





	The number of G418 resistant colonies
Mock	0
pU3gp-neo	0
pCMVgp-neo	110
pJM101/L1.3(LINE	E1) 22

Fig. 4

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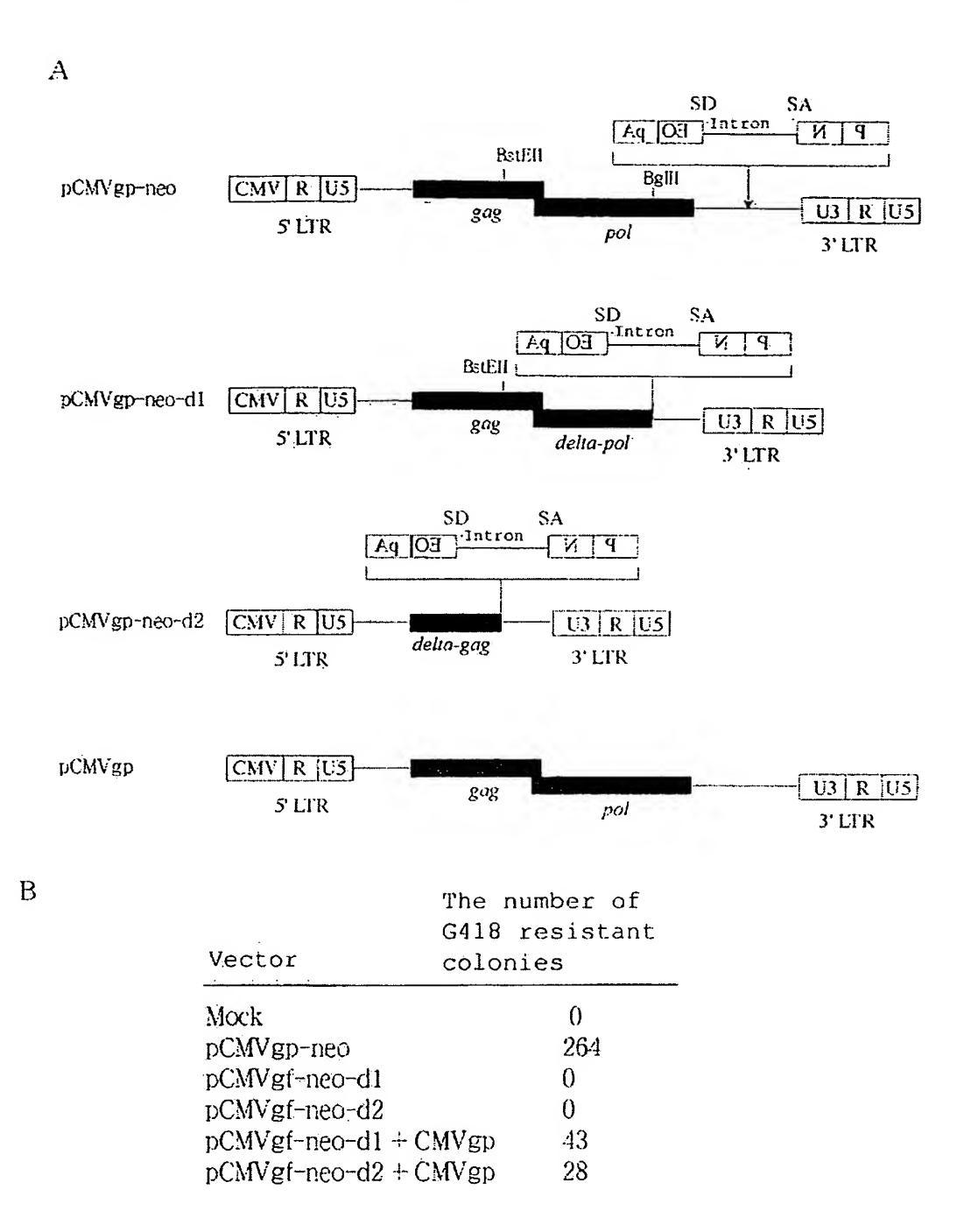


Fig. 5

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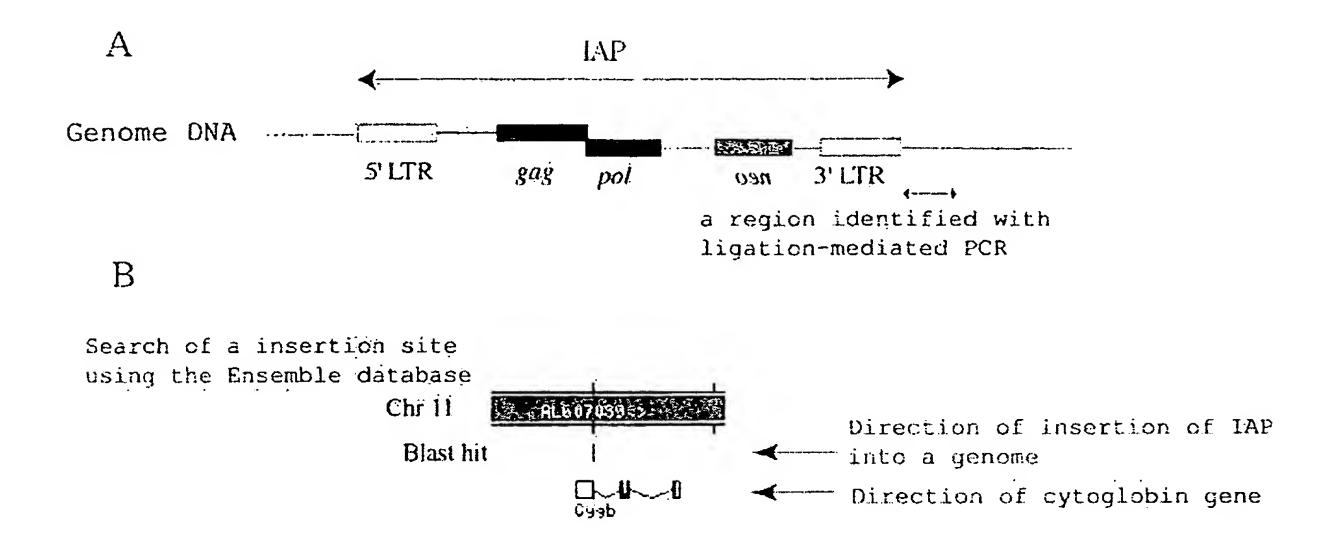
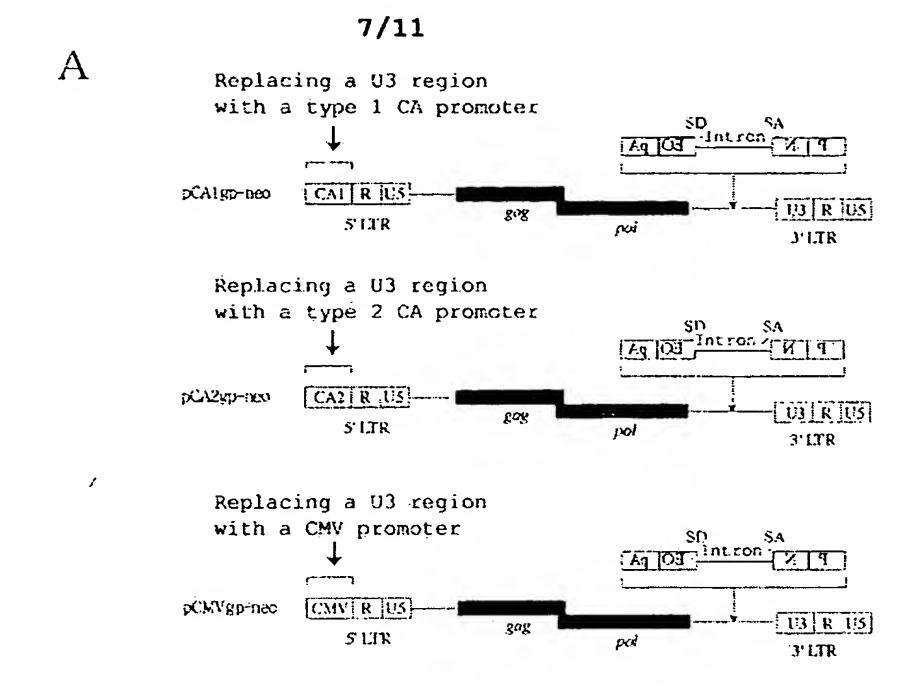
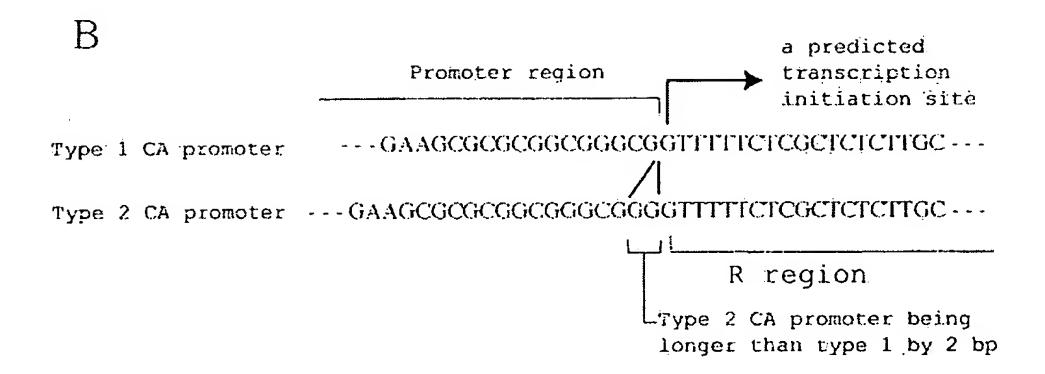


Fig. 6

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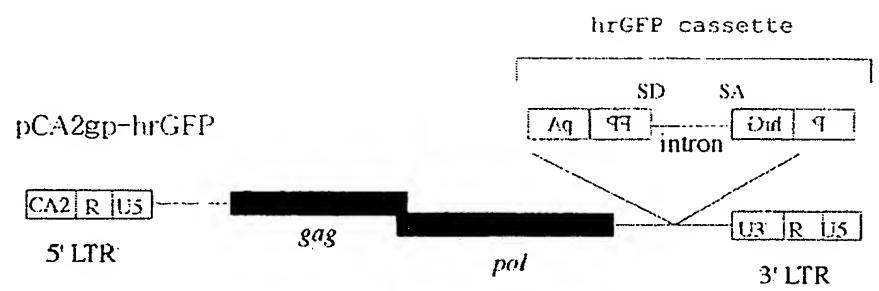




С		The number of G418 resistant colonies	
	Vector	NIH3T3	Hela
	pCA1gp-neo	65 92	95 223
	pCA2gp-neo	17 <u>3</u> 124	230 185
	pCMVgp=neo	92 90	208 177

Fig. 7

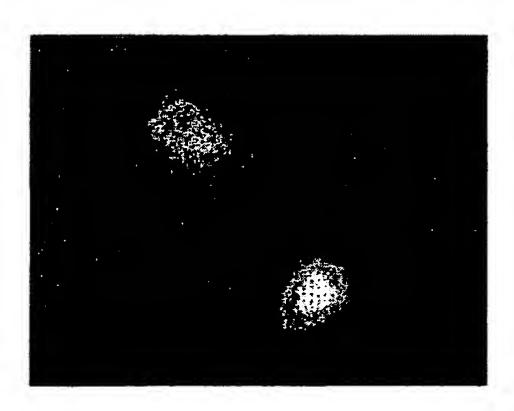
A



B



Bright-field



Fluorescence-field

Fig. 8

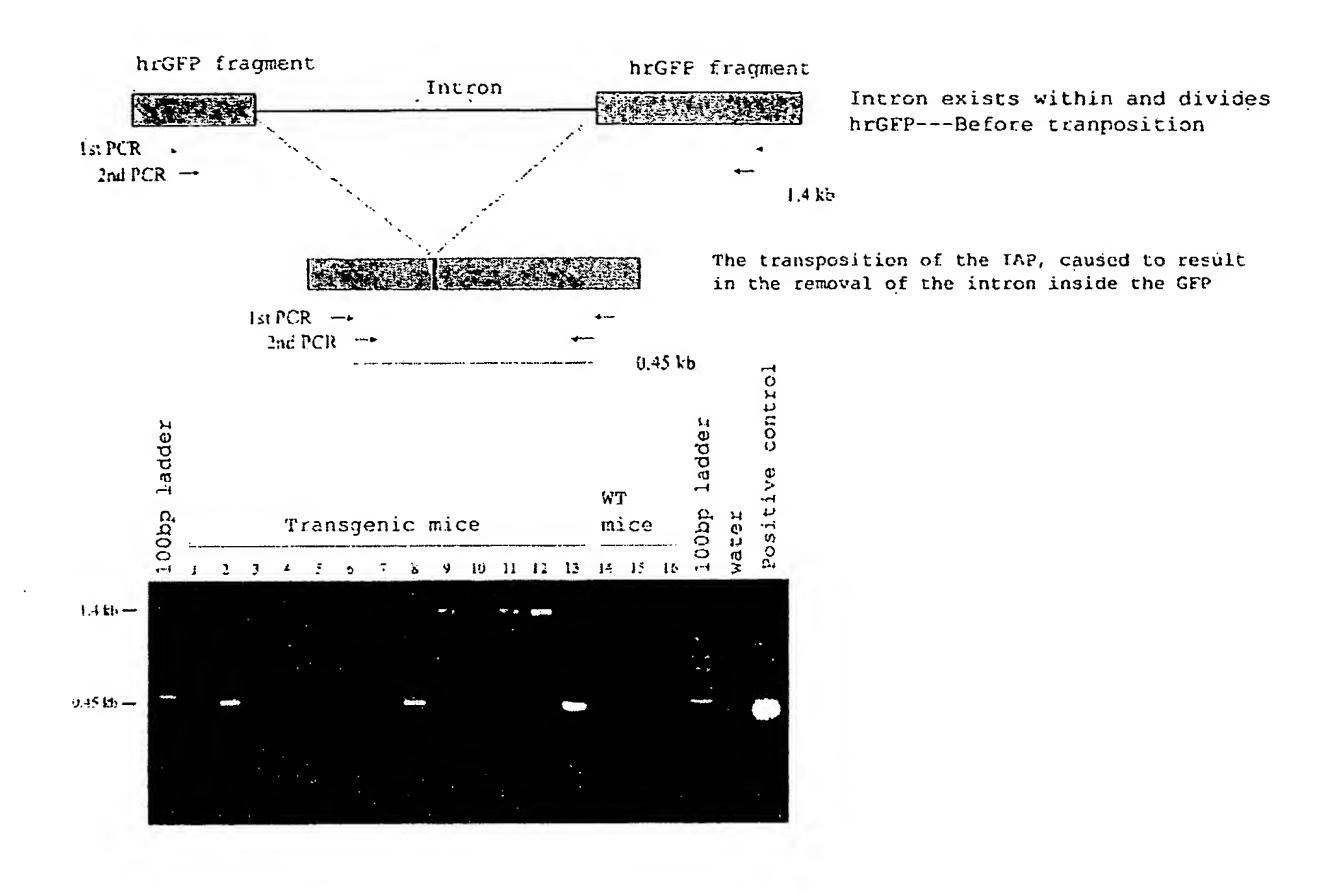
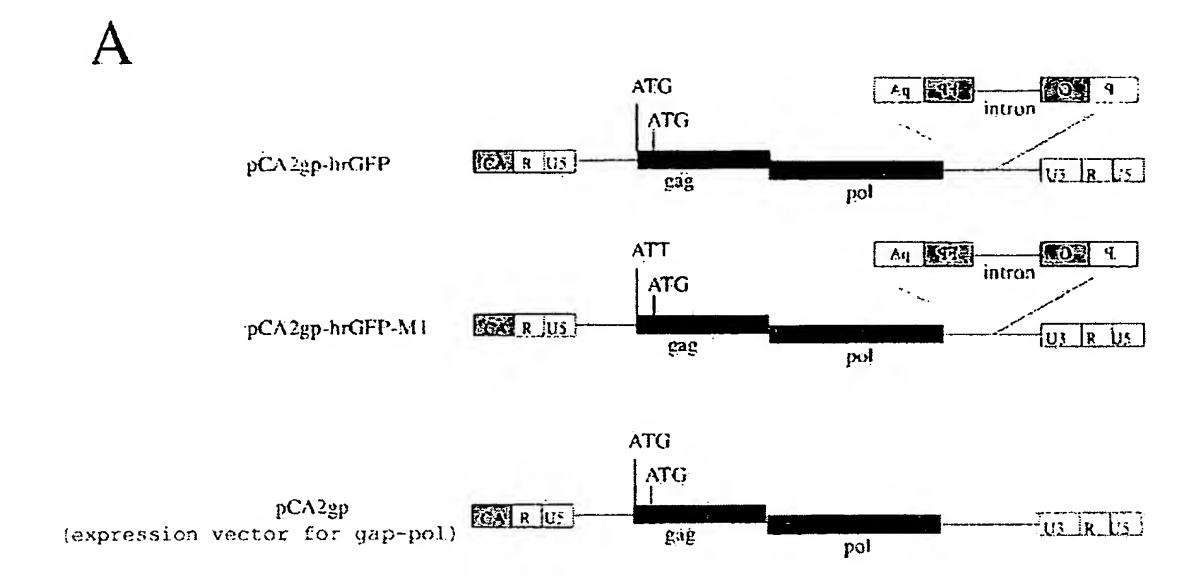


Fig. 9

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The first ATG in a gag gene, which is modified in pCA2gp-hrGFP-M1 into ATT.

The second ATG in a gag gene, from which translation in pCA2gp-hrGFP-M1 is predicted to start.



WT ATG AAT TCA GAA CTT TTC ACC TGG GGA ACG AGA GTA CCA GTG AGT AFG TTT GGC CTT GAA (pCA2gp-hrGFt) Mel Ash Ser Glu Leu Phe Ser Trp Gly Thr Arg Val Pro Val Ser Mel Phe Gly Leu Glu

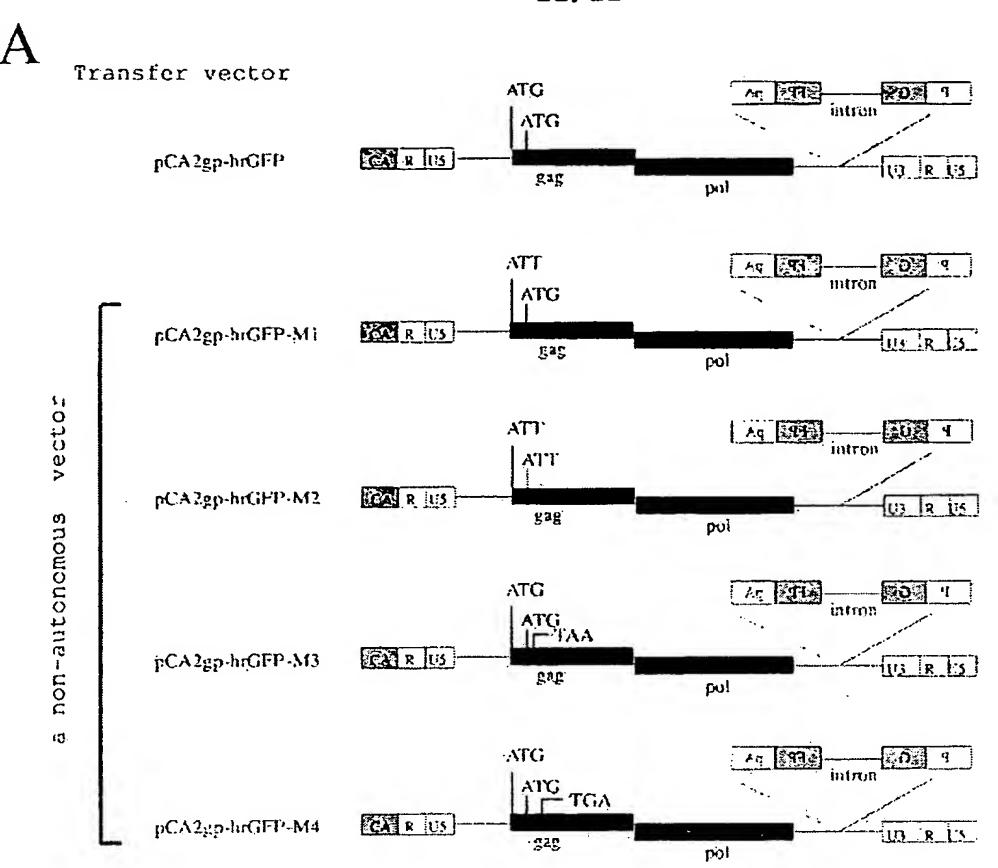
B

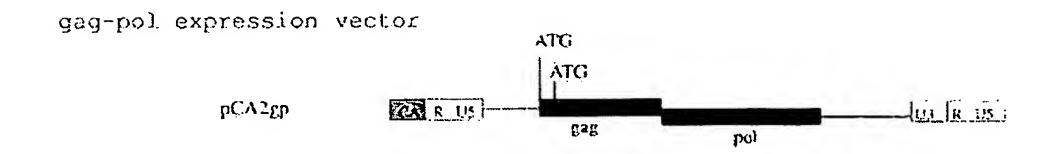
Vector	% GFP-positive	
pCA2gp-luGFP	0.29	
pCA2gp-hrGFP-M1	0	
pCA2gp-hrGFP-M1 + pCA2gp	0.22	

Fig. 10

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B

Transfer vector	% GFP-positive		
	+pBluescript	+pCA2gp	
pCA2gp-hrGFP	0.29		not done
pCA2gp-hrGFP-M1	. 0		0.215
pCA2gp-hrGFP-M2	0		0.005
pCA2gp-hrGFP-M3	0		0.04
pCA2gp-hrGFP-M4	0		0.015

Fig. 11